

☐ Search Results

[BROWSE](#)

[SEARCH](#)

[IEEE XPLORE GUIDE](#)

[SUPPORT](#)

Results for "(quantized fem computations) <and> (pyr >= 1951 <and> pyr <= 2002)"

Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

 [e-mail](#)  [printer friendly](#)

» Search Options

[View Session History](#)

[New Search](#)

Modify Search

(quantized fem computations) <and> (pyr >= 1951 <and> pyr <= 2002)

[Search](#) >

☐ Check to search only within this results set

Display Format:

☒ Citation

☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard





No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search.

Published before April 2002

Terms used **quantized fem computations**

Found 3 of 128,879

Sort results by   [Save results to a Binder](#)
Display results   [Search Tips](#)
☐ Open results in a new window

[Try an Advanced Search](#)
Try this search in [The ACM Guide](#)

Results 1 - 3 of 3

Relevance scale ☐ ☐ ☐ ☐ ☐



1 [Multiresolution compression and reconstruction](#)

Oliver G. Staadt, Markus H. Gross, Roger Weber

October 1997 **Proceedings of the 8th conference on Visualization '97 VIS '97**

Publisher: IEEE Computer Society Press

Full text available:

 [pdf\(1.55 MB\)](#)  [Publisher Site](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)


Keywords: isosurfaces, meshing, oracles, tetrahedralization, triangulation, volumes, wavelets

2 [Parallel isosurface and volume rendering: Scalable isosurface visualization of massive datasets on COTS clusters](#)

Xiaoyu Zhang, Chandrajit Bajaj, William Blanke

October 2001 **Proceedings of the IEEE 2001 symposium on parallel and large-data visualization and graphics PVG '01**

Publisher: IEEE Press

Full text available:  [pdf\(3.06 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Our scalable isosurface visualization solution on a commodity off-the-shelf cluster is an end-to-end parallel and progressive platform, from the initial data access to the final display. In this paper we focus on the back end scalability by introducing a fully parallel and out-of-core isosurface extraction algorithm. It partitions the volume data according to its workload spectrum for load balancing and creates an I/O-optimal external interval tree to minimize the number of I/O operations of loa ...


Keywords: Metabuffer, Multi-resolution, Parallel Rendering, Parallel and Out-of-core Isocontouring, Progressive mesh

3 [Acoustic modeling and robust CSR: Microphone arrays and neural networks for robust speech recognition](#)

C. Che, Q. Lin, J. Pearson, B. de Vries, J. Flanagan

March 1994 **Proceedings of the workshop on Human Language Technology HLT '94**

Publisher: Association for Computational Linguistics

Full text available:  [pdf\(511.74 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

This paper explores use of synergistically-integrated systems of microphone arrays and neural networks for robust speech recognition in variable acoustic environments, where the user must not be encumbered by microphone equipment. Existing speech recognizers work best for "high-quality close-talking speech." Performance of these recognizers is typically

Scholar

Results 1 - 6 of 6 for "**quantized fem computations**". (0.05 seconds)

All Results

Tip: Try removing quotes from your search to get more results.

[M Rumpf](#)

[R Strzodka](#)

[Using graphics cards for **quantized FEM computations** - group of 9 »](#)

M Rumpf, R Strzodka - IASTED Visualization, Imaging and Image Processing ..., 2001 - numod.ins.uni-bonn.de

Page 1. In Proceedings VIIP'01, pages 193–202, 2001. Using Graphics Cards for **Quantized FEM Computations** MARTIN RUMPF Department of Applied Mathematics ...

[Cited by 19](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Using graphics cards for **quantized FEM computations**](#)

R Strzodka, M Rumpf - Proceedings VIIP Conference on Visualization and Image ..., 2001 - numerik.math.uni-duisburg.de

Using Graphics Cards for **Quantized FEM Computations**. R. Strzodka and M. Rumpf. Graphics cards exercise increasingly more computing ...

[Cited by 5](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

[CITATION] [Using graphics cards for **quantized FEM computations** \[A\]](#)

R Martin, S Robert - Proceedings of VIIP, Marbella, 2001

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[CITATION] [Using Graphics Cards for **Quantized FEM Computations**. IASTED Visualization](#)

M Rumpf, R Strzodka - Imaging and Image Processing, 2001

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[Data locality optimizations to improve the efficiency of multigrid methods - group of 2 »](#)

H Hellwagner, U Rude, L Stals, C Weiß - Proc. 14th GAMM Seminar 'Concepts of Numerical Software', ..., 1998 - citeseer.ist.psu.edu

... Cited by: More Using Graphics Cards for **Quantized FEM Computations** - Rumpf, Strzodka (2001) (Correct) A Guide To Designing Cache Aware Multigrid Algorithms ...

[Cited by 1](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

[Virtual 16 bit precise operations on RGBA8 textures - group of 8 »](#)

R Strzodka - Vision, Modeling and Visualization, 2002 - numerik.math.uni-duisburg.de

Page 1. Virtual 16 Bit Precise Operations on RGBA8 Textures R. Strzodka Numerical Analysis and Scientific Computing University of ...

[Cited by 16](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

"quantized fem computations"

Search

Scholar All articles Recent articles Results 1 - 10 of about 27 for "**differential equations**" "**graphics processor**". (0.13 sec)

All Results

[M Rumpf](#)

[R Strzodka](#)

[M Suzuki](#)

[K Kutaragi](#)

[T Hiroi](#)

[Nonlinear diffusion in graphics hardware - group of 7 »](#)

M Rumpf, R Strzodka - Proceedings of Eurographics/IEEE TCVG Symposium on ..., 2001 - numerik.math.uni-duisburg.de

... of modern graphics cards has reached a state, where the **graphics processor** unit may ... **Partial differential equations** in image processing are exactly of this type ...

[Cited by 22](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Using graphics cards for quantized FEM computations - group of 9 »](#)

M Rumpf, R Strzodka - IASTED Visualization, Imaging and Image Processing ..., 2001 - numod.ins.uni-bonn.de

... graphics cards has reached a state, where the **graphics processor** unit may ... even typical discrete numerical schemes for **partial differential equations** can be ...

[Cited by 19](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Integrated hardware generator for area fill, conics and vectors in a graphics rendering processor - group of 2 »](#)

JM Peaslee, JC Malacarne - US Patent 5,303,321, 1994 - Google Patents

Page 1. United States Patent Peaslee et al. [54] INTEGRATED HARDWARE GENERATOR FOR AREA FILL, CONICS AND VECTORS IN A GRAPHICS RENDERING PROCESSOR ...

[Cited by 9](#) - [Related Articles](#) - [Web Search](#)

[A Microprocessor with a 128-Bit CPU, Ten Floating-Point MAC's, Four Floating-Point Dividers, and an ... - group of 3 »](#)

M Suzuki, K Kutaragi, T Hiroi, H Magoshi, S ... - IEEE JOURNAL OF SOLID-STATE CIRCUITS, 1999 - ieeexplore.ieee.org

... These calculations are described in **differential equations** and matrix operations having ... Group, Sony Corp., and developed a **graphics processor** for Playstation. ...

[Cited by 27](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Vector field animation with texture maps - group of 6 »](#)

B Yamrom, KM Martin - Computer Graphics and Applications, IEEE, 1995 - ieeexplore.ieee.org

... field animation that does not require the solution of **differential equations**. ... The **graphics processor** uses the alpha value to specify the rendered object's ...

[Cited by 8](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Real time modelling of multimachine power systems - group of 4 »](#)

T Berry, LA Dale, AR Daniels, RW Dunn - Generation, Transmission and Distribution [see also IEE ..., 1993 - ieeexplore.ieee.org

... to model each synchronous machine and its associated control system by a set of first order **differential equations**. Neglecting the ...

[Cited by 9](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Apparatus and synthetic holography - group of 2 »](#)

JL Hoebing - US Patent 5,117,296, 1992 - Google Patents

... be abstract output from computersimulations, solutions of **differential equations** and the ... data which may reside in a separate **graphics processor/controller** 60 ...

[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

[Method for vector field visualization using time varying texture maps - group of 3 »](#)

B Yamrom, KM Martin - US Patent 5,412,765, 1995 - Google Patents

... The solution of **differential equations** can be time consuming, especially if the original ... a representation of a 2-D or 3-D vector field on a **graphics processor**. ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

DIFFUSION MODELS AND THEIR ACCELERATED SOLUTION IN IMAGE AND
SURFACE PROCESSING - group of 61 »

U DIEWALD, T PREUSSER, M RUMPF, R STRZODKA - Proceedings of Algoritmy, 2000 - emis.ams.org

... element methods are widely spread to discretize the underlying partial **differential equations**. ... In this paper we show how the **graphics processor** unit may be ...

Cited by 3 - Related Articles - View as HTML - Web Search

A processor architecture for 3D graphics - group of 8 »

Y Wang, A Mangaser, P Srinivasan - Computer Graphics and Applications, IEEE, 1992 - ieeexplore.ieee.org

... i860 has become a popular candidate as the 3D **graphics processor** for many ... the simultaneous solution of large sets of partial **differential equations** are two ...

Cited by 1 - Related Articles - Web Search

Google ►

Result Page: 1 2 3 **Next**

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2007 Google

Scholar All articles Recent articles Results 1 - 10 of about 27 for "**differential equations**" "**graphics pipeline**". (0.08 seconds)

All Results

[D Eberly](#)

[D Terzopoulos](#)

[M Harris](#)

[G Coombe](#)

[T Scheuermann](#)

[Physically-based visual simulation on graphics hardware - group of 13 »](#)

MJ Harris, G Coombe, T Scheuermann, A Lastra - Proceedings of the ACM SIGGRAPH/EUROGRAPHICS conference on ..., 2002 - portal.acm.org

... is one of the most useful tools for working with partial **differential equations**. ... textures must map directly to pixels in the output of the **graphics pipeline**. ...

[Cited by 97](#) - [Related Articles](#) - [Web Search](#)

[\[book\] 3D Game Engine Design: a practical approach to real-time computer graphics - group of 7 »](#)

DH Eberly - 2001 - books.google.com

Page 1. e Engine A Practical • 1• Approach to Real-Time Computer . 1 Graphics Design LII . I ; Page 2. GLOSSARY OF NOTATION R, IR , [0, oo) ...

[Cited by 154](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[\[book\] Jim Blinn's Corner Trip Down the Graphics Pipeline - group of 4 »](#)

J Blinn - 1996 - books.google.com

... SERIES EDITOR, BRIAN A. BARSKY Jim Blinn's Corner: A Trip Down the **Graphics Pipeline**

Jim Blinn ... Jim Blinn's corner : a trip down the **graphics pipeline**. p. cm. ...

[Cited by 22](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[Using graphics cards for quantized FEM computations - group of 9 »](#)

M Rumpf, R Strzodka - IASTED Visualization, Imaging and Image Processing ..., 2001 - numod.ins.uni-bonn.de

... hard to exploit these in solvers for partial **differential equations** modeling various ... and precision or some unoptimized parts of the **graphics pipeline**, but the ...

[Cited by 19](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Visualization for climate modeling - group of 7 »](#)

N Max, R Crawfis, D Williams - Computer Graphics and Applications, IEEE, 1993 - ieeexplore.ieee.org

... longitude, latitude, and geopotential indices, and vary between U and 1. We can use the Euler method for integrating ordinary **differential equations** to move ...

[Cited by 27](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Nonlinear diffusion in graphics hardware - group of 7 »](#)

M Rumpf, R Strzodka - Proceedings of Eurographics/IEEE TCVG Symposium on ..., 2001 - numerik.math.uni-duisburg.de

... In fact, many discretizations of partial **differential equations** lead to a sparse ... the advantage that there are many stages in the **graphics pipeline** where linear ...

[Cited by 22](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[A GPU-based, three-dimensional level set solver with curvature flow - group of 8 »](#)

A Lefohn, R Whitaker - University of Utah tech report UUCS-02-017, December, 2002 - sci.utah.edu

... as interfaces, and uses the framework of partial **differential equations** (PDEs) to ... In the last two years, GPUs' fixed-function **graphics pipeline** has begun to ...

[Cited by 11](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[DIFFUSION MODELS AND THEIR ACCELERATED SOLUTION IN IMAGE AND SURFACE PROCESSING - group of 61 »](#)

U DIEWALD, T PREUSSER, M RUMPF, R STRZODKA - Proceedings of Algorithmy, 2000 - emis.ams.org

... image processing. Finite element methods are widely spread to discretize the underlying partial **differential equations**. Their convergence ...

[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)